

Manual wire rope winch

MWS
MWW



Manual wire rope winch with spur gear drive model MWS

Capacities 125 - 2.000 kg

- Enclosed gear drive for protection of internal parts, even under tough working conditions
- Spur gears on roller bearings, rope drum on plain bearings
- Compact design
- Easy and quick mounting onto walls, poles, towers etc.

Optional

- Corrosion protected design
- Grooved rope drum for improved guidance of the wire rope
- Separation webs for operation with several wire ropes

Manual wire rope winch with worm gear drive model MWW

Capacities 250 - 5.000 kg

- Worm shaft on roller bearings, rope drum on plain bearings
- Small dimensions, compact design, larger rope take-up
- Two rope directions for operation from different positions
- Two lifting speeds by means of different setting of the crank handle for capacities of 2.000 kg and above
- Automatic load pressure brake for safe holding and extremely sensitive lowering of the load

Optional

- Free wheeling device for quick unwinding of the unloaded wire rope for capacities of 2.000 kg and above



Model	Pulling force 1 st rope layer daN	Pulling force top rope layer daN	Crank effort 1 st rope layer daN	Rope advance per one crank rotation 1 st rope layer 1 st /2 nd speed in mm	Ratio	Weight without wire rope kg	Recommended rope diametre* mm
MWS 125	125	55	11	120	1:1	7	3
MWS 300	300	120	7	21	1:7,4	10	5
MWS 500	500	323	13	30	1:7,4	11	6
MWS 1000	1000	684	15	21	1:17	28	9
MWS 2000	2000	1712	24	16	1:25,7	32	13
MWW 250	250	95	5	17/—	1:10	13	5
MWW 500	500	239	9	20/—	1:12	16	6
MWW 1000	1000	542	14	13/—	1:26	26	9
MWW 1500	1500	845	21	13/—	1:26	28	10
MWW 2000	2000	1129	12/20	5,5/11	1:76/38	60	13
MWW 3000	3000	1861	17/30	5/10	1:104/52	78	16
MWW 5000	5000	3165	34/61	6/12	1:120/60	115	20

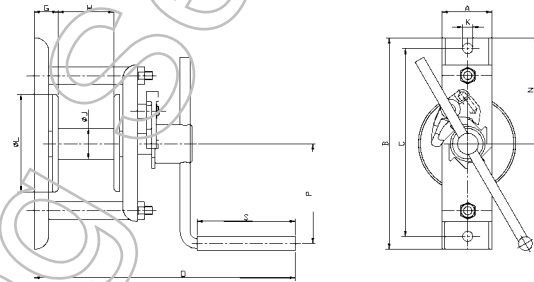
*acc. DIN 3060 FE-znk 1770sZ-spa

Model	Breaking load of wire rope min. kN	Wire rope storage max. m	Number of rope layers max.
MWS 125	5,7	52	18
MWS 300	15,9	26	9
MWS 500	22,9	12	5
MWS 1000	51,0	27	5
MWS 2000	106,0	7	2
MWW 250	15,9	63	11
MWW 500	22,9	77	9
MWW 1000	51	55	7
MWW 1500	63	49	6
MWW 2000	106	46	6
MWW 3000	161	52	5
MWW 5000	252	40	5

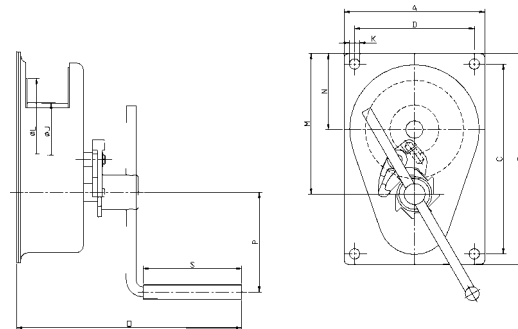
Dimensions MWS in mm

Dimension	MWS 125	MWS 300	MWS 500	MWS 1000	MWS 2000
A	70	200	200	230	230
B	305	300	300	340	340
C	270	268	268	280	280
D	–	168	168	180	180
G	40	15	15	27	27
H	85	60	60	126	126
ØJ	32	50	70	102	121
K	14	12	12	17	17
ØL	141	140	140	212	212
M	–	198	198	266	288
N	153	108	108	118	118
O	325	263	263	425	425
P	300	250	250	250	250
S	128	128	128	128	128

**Model MWS
with spur gear drive**
Capacity 125 kg



**Model MWS
with spur gear drive**
Capacities 300 - 500 kg



**Model MWS
with spur gear drive**
Capacities 1.000 - 2.000 kg

